

**REMARKS**

**Summary of the Office Action**

Claims 1 – 10 stand rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over U.S. Pre-Grant Publication 2003/0184489 by Maruyama et al. (“Maruyama”) in view of U.S. Patent No. 6,400,338 to Mejia (“Mejia”).

**Summary of the Response to the Office Action**

Applicants amend claims 1 and 6 to define the claimed subject matter further. Support for these amendments is found in at least in Fig. 3D and the last full paragraph on page 4 of the specification as originally filed. Thus, Applicants respectfully submit that the above amendments introduce no new matter within the meaning of 35 U.S.C. §132.

Applicants request entry of the Amendment and reconsideration and timely withdrawal of the pending rejections for the reasons discussed below.

**The Rejections under 35 U.S.C. § 103**

Claims 1 – 10 stand rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Maruyama in view of Mejia. Applicants respectfully submit that the combined references do not disclose or suggest all of the amended claim features, nor would a person of ordinary skill in the relevant field been prompted to combine the cited prior art in the manner claimed.

To establish an obviousness rejection under 35 U.S.C. § 103(a), four factual inquiries must be examined. The four factual inquiries include (a) determining the scope and contents of the prior art; (b) ascertaining the differences between the prior art and the claims in issue; (c) resolving the level of ordinary skill in the pertinent art; and (d) evaluating evidence of

secondary considerations. *Graham v. John Deere*, 383 U.S. 1, 17-18 (1966). In view of these four factors, the analysis supporting a rejection under 35 U.S.C. 103(a) should be made explicit, and should “identify a reason that would have prompted a person of ordinary skill in the relevant field to combine the [prior art] elements” in the manner claimed. *KSR Int'l. Co. v. Teleflex, Inc.*, 127 S. Ct. 1727, 1741 (2007). Furthermore, even if the prior art may be combined, there must be a reasonable expectation of success, and the reference or references, when combined, must disclose or suggest all of the claim limitations. See *In re Vaeck*, 947 F.2d 488, 20 USPQ2d 1438 (Fed. Cir. 1991).

Here, Applicants amend independent claims 1 and 6 to recite, in part, “a coiled insulation-covered conductor” (claim 1) and “a coiled wiring layer” (claim 6) with “a pattern wire passing through a longitudinal center line of the coil, the pattern wire configured such that linkage with respect to the magnetic flux at the coil is prevented” (claims 1 and 6).

Neither Maruyama nor Mejia disclose such a wire. Thus, even if Maruyama were combined with Mejia with a reasonable expectation of success, the combined references would not disclose or suggest all the claim features of amended independent claims 1 and 6.

Accordingly, the cited prior art, alone or combined, fails to teach or suggest each and every feature of claims 1 and 6. Thus, a person of ordinary skill in the relevant field would not have been prompted to combine the cited prior art in the manner claimed.

Since none of the other prior art of record, alone or in any combination, discloses or suggests all the features of the claimed subject matter, Applicants respectfully submit that amended independent claims 1 and 6 are allowable. Applicants respectfully submit that

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dependent claims 2 – 5 and 7 – 10 are also allowable at least because they depend from allowable claims 1 and 6. Applicants therefore respectfully request withdrawal of the rejections under 35 U.S.C. §103(a).

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**CONCLUSION**

Applicants believe that a full and complete response has been made to the pending Office Action and respectfully submit that all of the stated grounds for rejection have been overcome or rendered moot. Accordingly, Applicants respectfully submit that all pending claims are allowable and that the application is in condition for allowance.

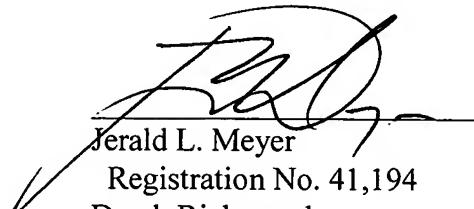
Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicants' undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,  
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